

FIG. 2 is a block diagram of a computer system 60. The system includes a CPU 80, a keyboard/mouse interface 82, a serial mouse port 83, a monitor sense 96, an on screen program 94, a sync extract 90, a video amp 92, a quad UART 84, and an audio amp 86. The CPU 80 is connected to the keyboard/mouse interface 82, the serial mouse port 83, the monitor sense 96, the on screen program 94, the sync extract 90, the video amp 92, the quad UART 84, and the audio amp 86. The keyboard/mouse interface 82 is connected to a keyboard 62b and a mouse 62c. The serial mouse port 83 is connected to a serial mouse 62a. The monitor sense 96 is connected to a monitor 70. The on screen program 94 is connected to the monitor 70. The sync extract 90 is connected to the monitor 70. The video amp 92 is connected to the monitor 70. The quad UART 84 is connected to a speaker 87. The audio amp 86 is connected to the speaker 87. The system also includes a monitor 70, a keyboard 62b, a mouse 62c, a serial mouse 62a, and a speaker 87.

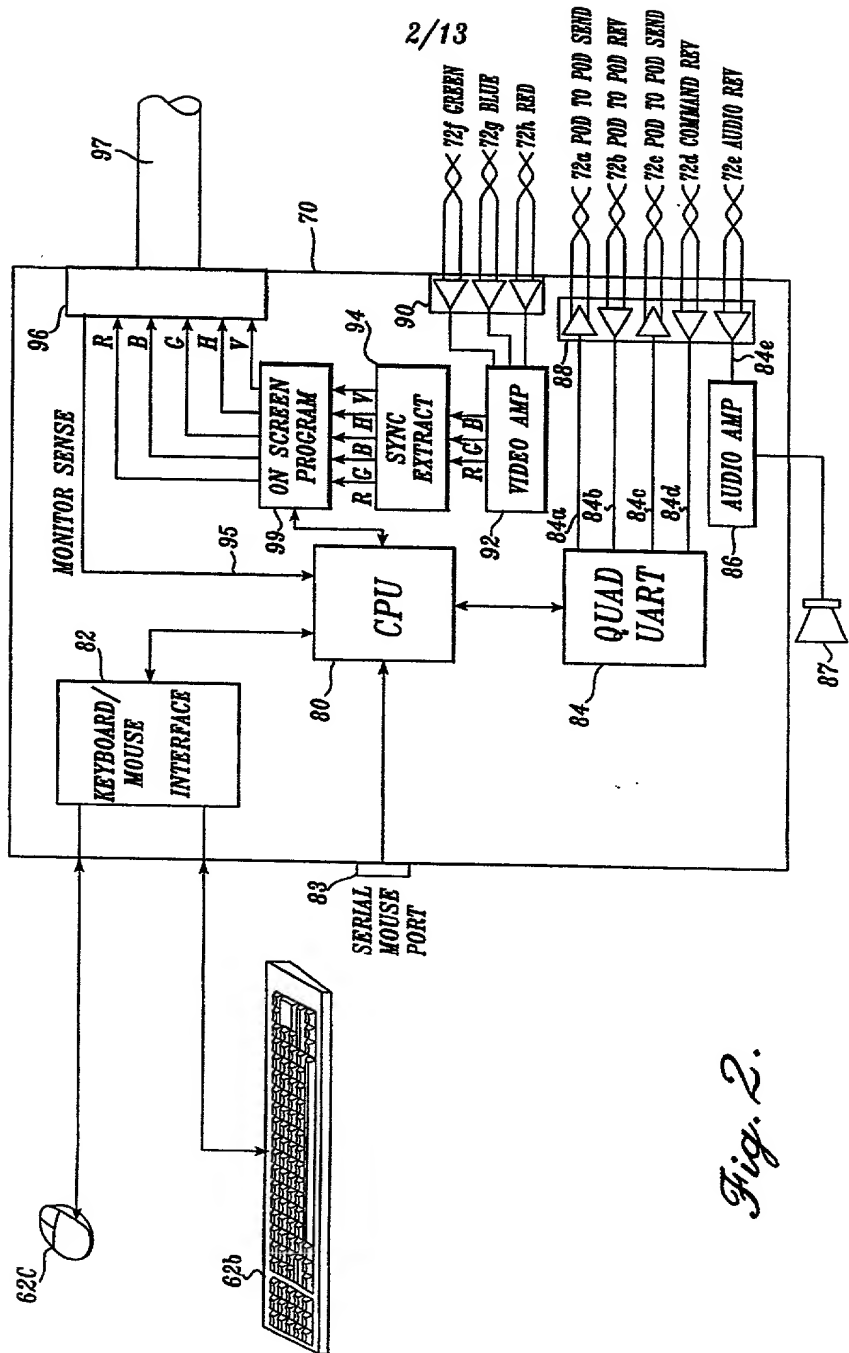


Fig. 2.

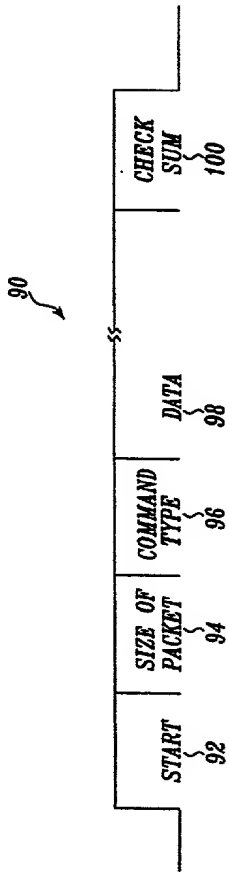


Fig. 2A.

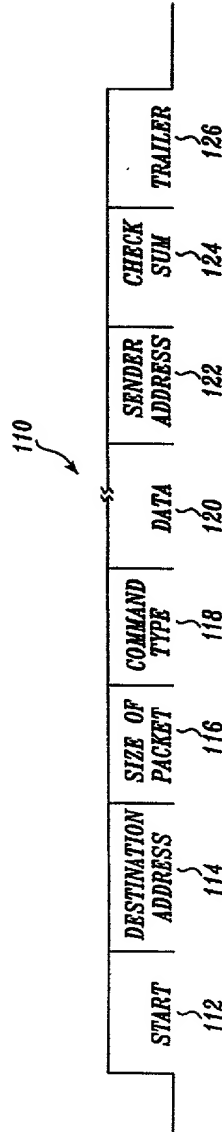


Fig. 2B.

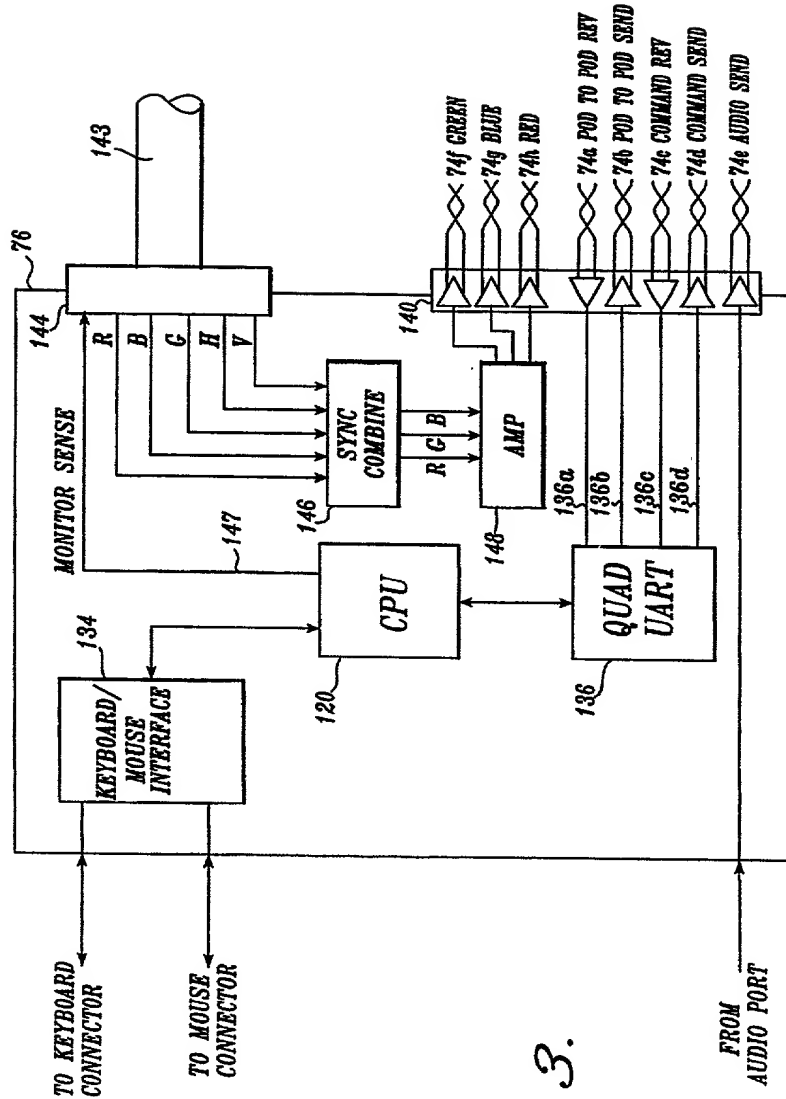


Fig. 3.

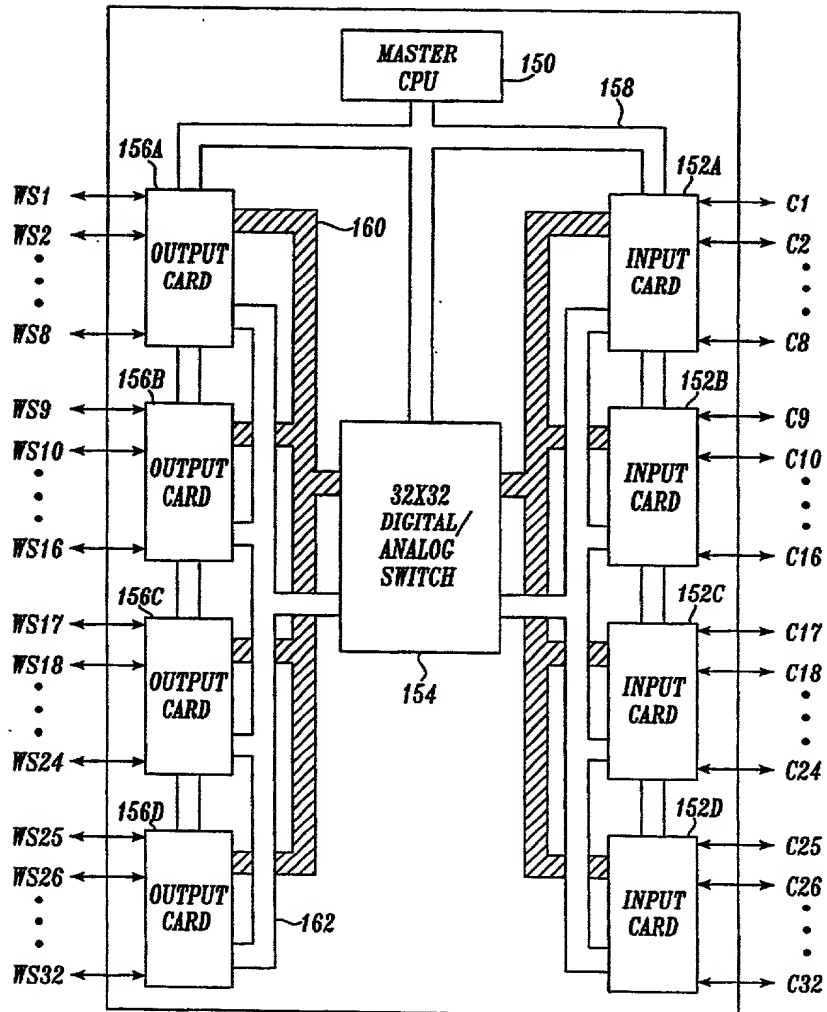


Fig. 4.

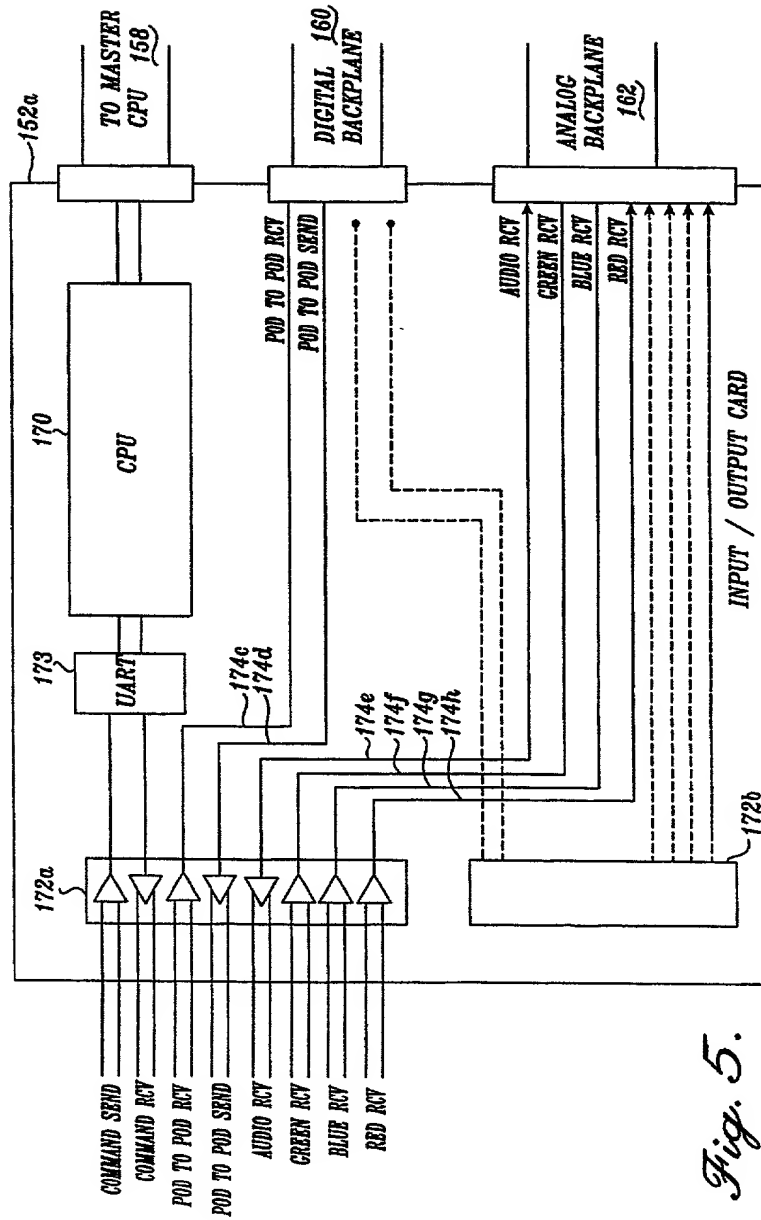
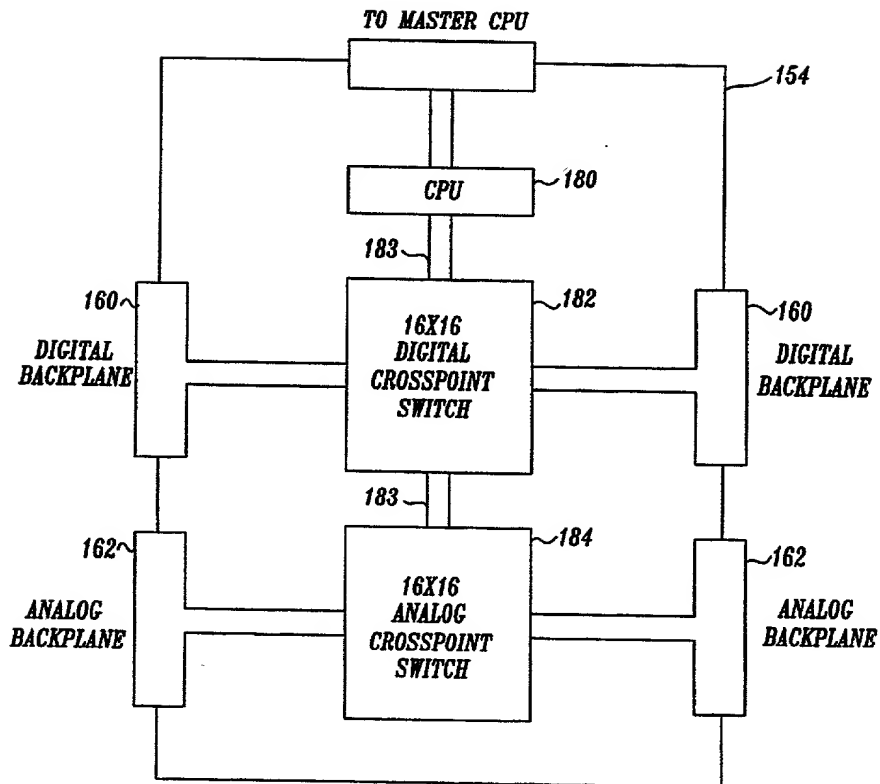


Fig. 5.

*Fig. 6.*

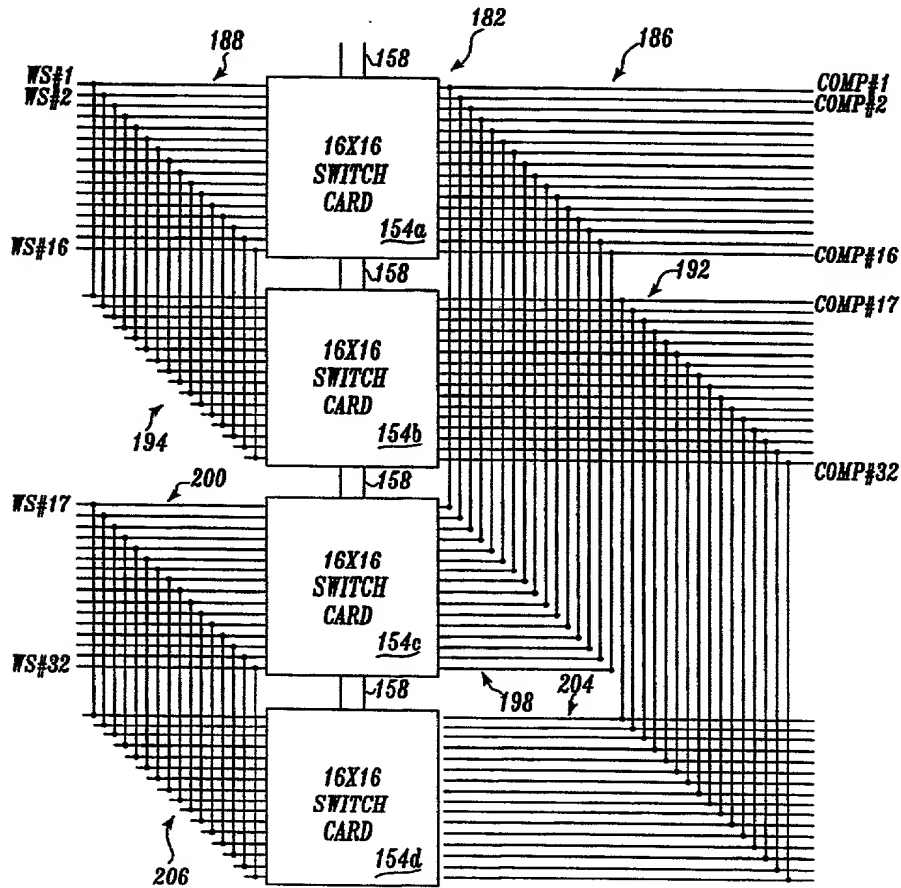
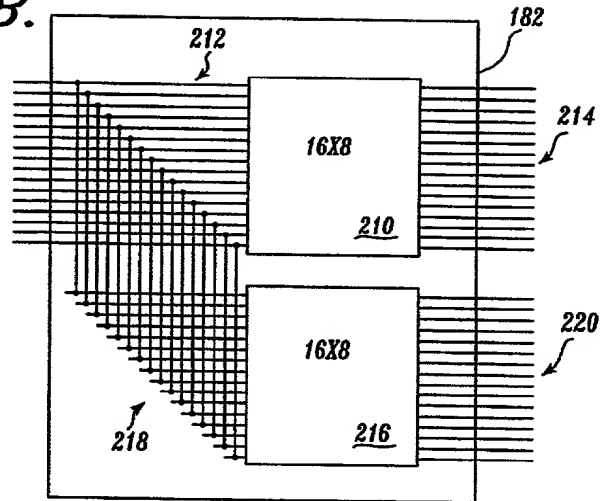
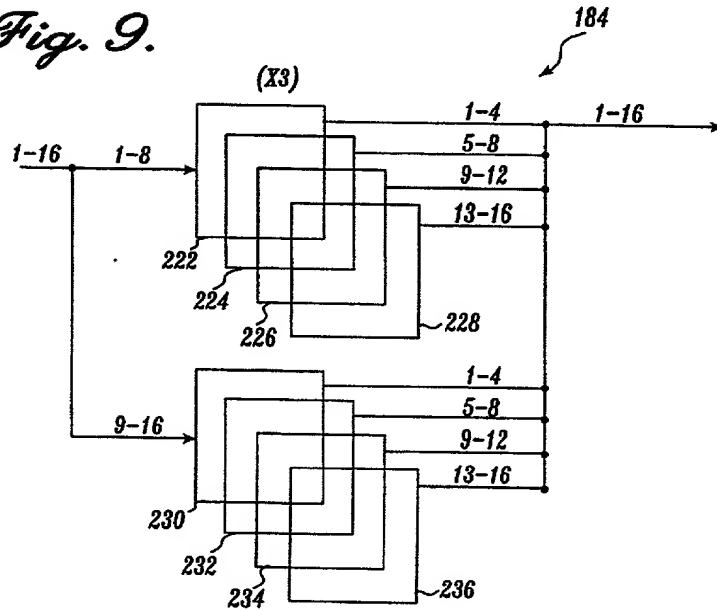
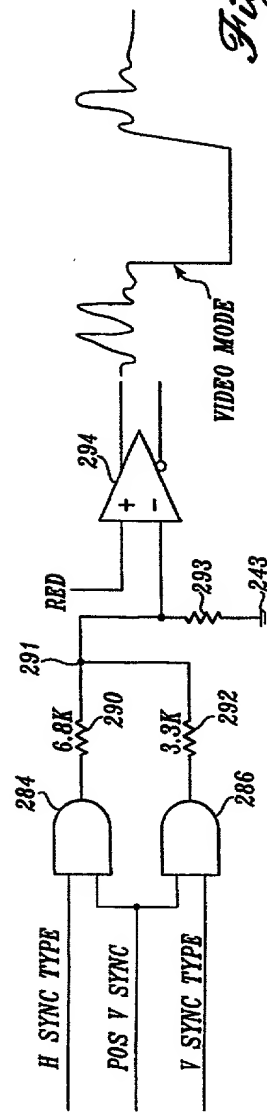
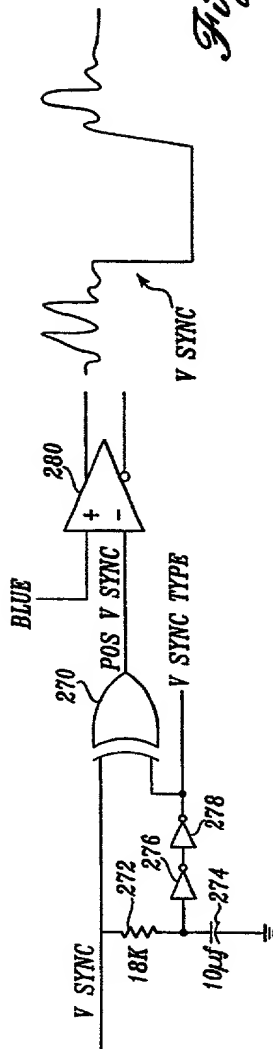
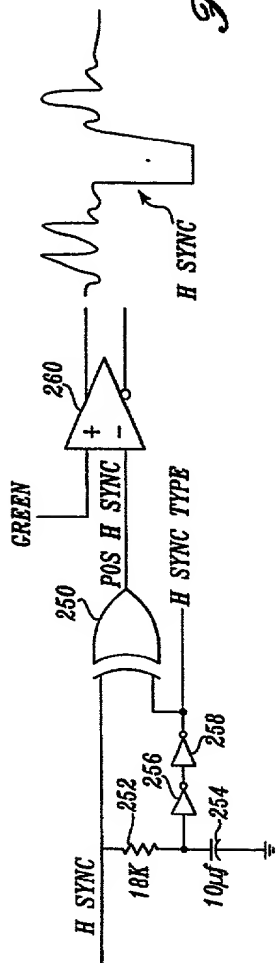


Fig. 7.

Fig. 8.*Fig. 9.*

THE VIDEO BUS USES 8 8X4 SWITCHES PER COLOR.
TOTAL VIDEO SWITCHES EQUALS 24.



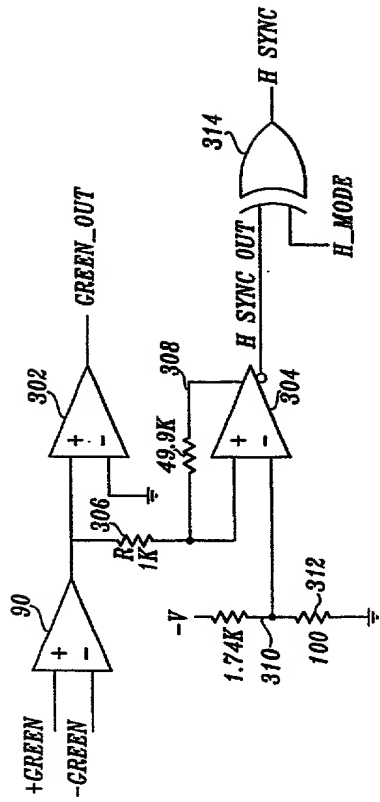


Fig. 11A.

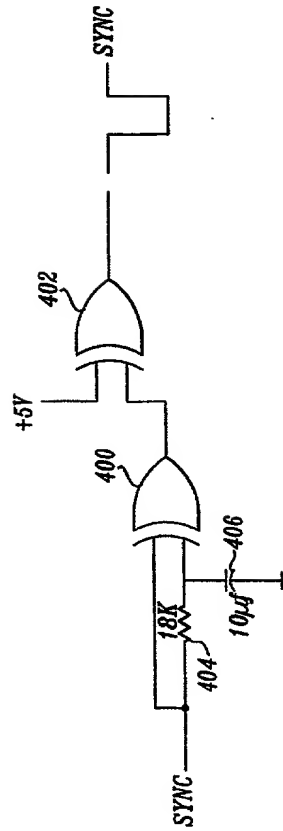


Fig. 12B.

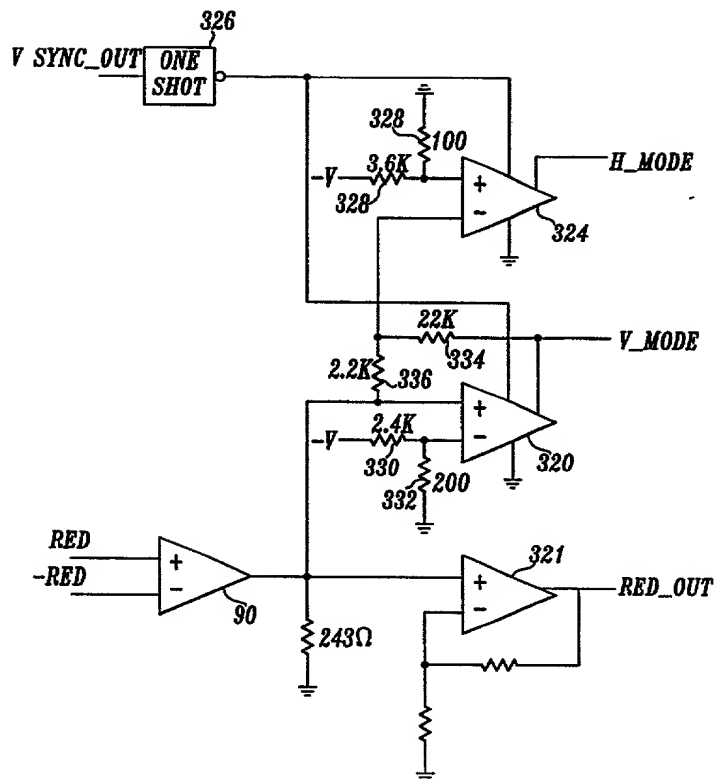


Fig. 11B.

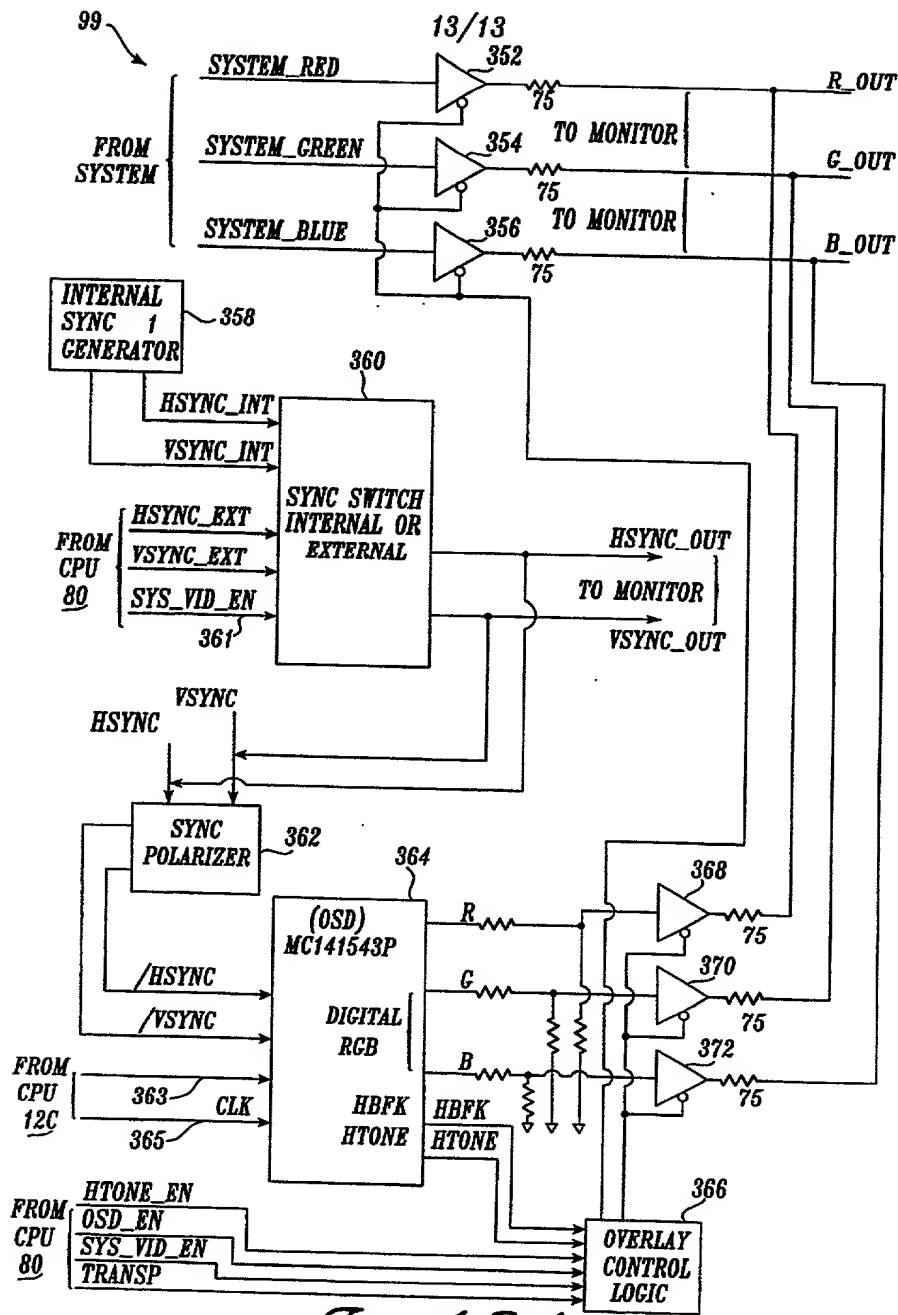


Fig. 12A.